

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,310,158 B2  
APPLICATION NO. : 09/939808  
DATED : December 18, 2007  
INVENTOR(S) : Muneki Nakao et al.

Page 1 of 8

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE AT (56) U.S. PATENT DOCUMENTS

“Haartsen, J., “Bluetooth—The universal Radio Interface Fr Ad Hoc, Wrieless Connectivity”, On—Ericcson Review, Ericcson, Stockholm, SE, No. 3, 1998, pp. 110-117.\*” (one occurrence) should be deleted.

ON COVER PAGE AT (57) ABSTRACT

Line 1, “Wireless” should read --A wireless--;  
Line 3, “read” should read --reading--.

SHEET 4

FIG. 5, “NOT EXISTED” (three occurrences) should read --DOESN’T EXIST--.

SHEET 5

FIG. 6, “IMAGE NOT EXISTED” (five occurrences) should read --IMAGE DOESN’T EXIST--; and “IMAGE EXISTED” should read --IMAGE EXISTS--.

SHEET 7

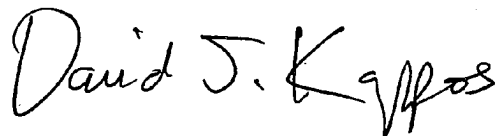
FIG. 8, “NOT EXISTED” should read --DOESN’T EXIST--.

SHEET 8

FIG. 9, “EXISTENCE/NOT EXISTENCE” should read  
--EXISTENCE/NON-EXISTENCE--.

Signed and Sealed this

Twenty-ninth Day of June, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*

SHEET 9

FIG. 10, “NOT EXISTENCE” (both occurrences) should read --NON-EXISTENCE--; and  
“NOT EXISTED?” should read --DOESN’T EXIST?--.

SHEET 10

FIG. 11, “NOT EXISTENCE” should read --NON-EXISTENCE--; and  
“EXISTENCE/NOT EXISTENCE” should read --EXISTENCE/NON-EXISTENCE--.

SHEET 11

FIG. 12, ““NOT EXISTED”” (both occurrences) should read --“DOESN’T EXIST”--.

SHEET 20

FIG. 21, “EXISTED?” should read --EXISTS?--.

SHEET 21

FIG. 22, “EXISTED?” (both occurrences) --EXISTS?--.

SHEET 23

FIG. 24, “IMAGE NOT EXISTED” (three occurrences) should read --IMAGE DOESN’T  
EXIST--; and “IS STILL EXISTED” should read --STILL EXISTS--.

SHEET 24

FIG. 25, “NOT EXISTED” (three occurrences) should read --DOESN’T EXIST--.

SHEET 25

FIG. 26, “EXISTED” should read --EXISTS--.

SHEET 26

FIG. 27, “COMMEND” should read --COMMAND--; and “EXISTENCE/NOT” should  
read --EXISTENCE/NON- --.

SHEET 30

FIG. 31, ““EXISTED/NOT EXISTED”” should read --“EXISTS/DOESN’T EXIST”--.

SHEET 32

FIG. 34, “NOT EXISTENCE” (both occurrences) should read --NON-EXISTENCE--; and  
“NOT EXISTED?” should read --DOESN’T EXIST?--.

SHEET 33

FIG. 35, “NOT EXISTED…” (four occurrences) should read --DOESN’T EXIST…--.

SHEET 34

FIG. 36, “IMAGE NOT EXISTED” (both occurrences) should read --IMAGE DOESN’T  
EXIST--; “(IMAGE NOT EXISTED…)” (three occurrences) should read --(IMAGE  
DOESN’T EXIST…)--; “IMAGE EXISTED” (both occurrences) should read --IMAGE  
EXISTS--; “(IMAGE EXISTED…)” (three occurrences) should read --(IMAGE  
EXISTS…)--; and “IMAGE: EXISTED,” should read --IMAGE: EXISTS,--.

SHEET 35

FIG. 37, “IMAGE EXISTED” (both occurrences) should read --IMAGE EXISTS--;  
“IMAGE NOT EXISTED” (both occurrences) should read --IMAGE DOESN’T  
EXIST--; and “(IMAGE NOT EXISTED…)” (three occurrences) should read  
--(IMAGE DOESN’T EXIST…)--.

SHEET 44

FIG. 46, “LIQIOD” should read --LIQUID--.

SHEET 50

FIG. 52, “number of image” should read --numbers of images--; and “which is specified”  
should read --which are specified--.

SHEET 51

FIG. 53, “• Responce” should read --• Response--.

SHEET 53

FIG. 55, “SCANNER EXISTED?” should read --SCANNER EXISTS?--.

SHEET 56

FIG. 58, “ORIGINAL EXISTED?” should read --ORIGINAL EXISTS?--; and  
“SCANNER EXISTED?” should read --SCANNER EXISTS?--.

SHEET 58

FIG. 60, "ORIGINAL EXISTED?" should read --ORIGINAL EXISTS?--; and  
"SCANNER EXISTED?" should read --SCANNER EXISTS?--.

SHEET 60

FIG. 62, "ORIGINAL EXISTED?" should read --ORIGINAL EXISTS?--.

SHEET 61

FIG. 63, "ORIGINAL EXISTED?" should read --ORIGINAL EXISTS?--.

COLUMN 6

Line 9, "among" should read --along--.

COLUMN 7

Line 41, "a" should be deleted; and  
Line 42, "a" (first occurrence) should read --an--.

COLUMN 11

Line 38, "apparatus 201 connected" should read --apparatus 201 is connected--.

COLUMN 12

Line 20, "existed"" should read --exists"--;  
Line 23, "existed"," should read --exists",--;  
Line 38, "form" should read --from--; and  
Line 63, "RS232 C" should read --RS232C--.

COLUMN 13

Line 7, "existed"" should read --exists"--; and  
Line 9, "existed"" should read --exists"--.

COLUMN 14

Line 9, "do" should read --does--; and  
Line 66, "existence/not existence" should read --existence/non-existence--.

COLUMN 15

Line 8, “waited.” should read --awaited.--;  
Line 26, “waited,” should read --awaited,--; and  
Line 59, “existence/not existence” should read --existence/non-existence--.

COLUMN 16

Line 10, “sate” should read --state--.

COLUMN 17

Line 5, “manger” should read --manager--.

COLUMN 18

Line 29, “sate” should read --state--.

COLUMN 20

Line 39, “sate” should read --state--;  
Line 44, “sate” should read --state--; and  
Line 63, “make” should be deleted.

COLUMN 25

Line 23, “sate” (both occurrences) should read --state--; and  
Line 59, “existence/not existence” should read --existence/non-existence--.

COLUMN 31

Line 7, “id” should read --if--.

COLUMN 32

Line 12, “carries” should read --carried--.

COLUMN 33

Line 45, “if” should be deleted.

COLUMN 39

Line 3, “existence/not existence” should read --existence/non-existence--;  
Line 5, ““not existence” should read --“non-existence--;  
Line 12, “waited.” should read --awaited.--;  
Line 32, ““not” should read --“non- --; and  
Line 33, ““not” should read --“non- --.

COLUMN 41

Line 10, “sate” should read --state--; and  
Line 52, “manger” should read --manager--.

COLUMN 42

Line 19, ““not existence”” should read --“non-existence”--; and  
Line 61, “existence/not exist-” should read --existence/non-exist- --.

COLUMN 43

Line 34, ““not existence”” should read --“non-existence”--.

COLUMN 44

Line 33, “sate” should read --state--;  
Line 36, “existence/not existence” should read --existence/non-existence--; and  
Line 64, “sate” should read --state--.

COLUMN 45

Line 51, “sate” should read --state--.

COLUMN 47

Line 15, “waited,” should read --awaited,--.

COLUMN 49

Line 14, “form” should read --from--;  
Line 31, “to provide” should read --provides--; and  
Line 42, “waited,” should read --awaited,--.

COLUMN 51

Line 3, “jam” should read --jammed--; and  
Line 35, “searched,” should read --sought,--.

COLUMN 52

Line 1, “wide,” should read --width,--; and  
Line 11, “erase” should read --erasure--.

COLUMN 53

Line 3, “erase” should read --erasure--.

COLUMN 54

Line 37, “wide” should read --width--; and  
Line 38, “wide” should read --width--.

COLUMN 55

Line 30, “enters” should read --enter--.

COLUMN 57

Line 29, “image number/image size/resolution/color/compression” should read --image  
number, image size, resolution, color, and compression--; and  
Line 30, “mode” should read --modes--.

COLUMN 58

Line 20, “send” should read --sends--; and  
Line 61, “existence/not existence” should read --existence/non-existence--.

COLUMN 59

Line 44, “there of” should read --thereof--; and  
Line 61, “exits” should read --exists--.

COLUMN 60

Line 7, “existence/not existence” should read --existence/non-existence--.

COLUMN 61

Line 12, “not existence” should read --non-existence--.

COLUMN 62

Line 3, “existence/not existence” should read --existence/non-existence--; and  
Line 56, “among” should read --along--.

COLUMN 64

Line 6, “read” should read --reading--.

COLUMN 65

Line 54, “read” should read --reading--; and  
Line 57, “read” should read --reading--.

COLUMN 66

Line 24, “read” should read --reading--;  
Line 39, “tat” should read --that--;  
Line 42, “read” should read --reading--; and  
Line 43, “data at a time,” should read --data one segment at a time,--.

COLUMN 67

Line 14, “erase” should read --erasure--;  
Line 58, “Furthermore, the” should read --Furthermore, if the--; and  
Line 66, “changing,” should read --charging,--.

COLUMN 68

Line 2, “changing” should read --charging--.

COLUMN 69

Line 9, “send” should read --sending--;  
Line 35, “send” should read --sending--; and  
Line 39, “send” should read --sending--.

COLUMN 70

Line 41, “reduced,” should read --is reduced,--; and  
Line 62, “tion and;” should read --tion; and--.